

# MUHAMMAD SALMAN

## SENIOR SOFTWARE ARCHITECT & REACT NATIVE LEAD

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## EXECUTIVE SUMMARY

A highly accomplished **Senior Software Architect** with over **8 years of progressive experience**, specializing in end-to-end development of high-traffic, scalable **React and React Native** applications. I possess deep expertise in the full MERN stack, advanced state management (Redux/Cubit/Riverpod), and cross-platform mobile architecture. My track record is defined by successfully leading complex projects from blueprint to global deployment, architecting robust backends, and consistently delivering measurable business value across demanding sectors like **Health Tech, Enterprise SaaS, and Social Networking**. Ready to drive innovation and team success in a leadership role.

## CORE EXPERTISE & TECHNOLOGIES

**Frontend:** React.js, Next.js, TypeScript

**Mobile:** React Native, Flutter (BLOC/Riverpod)

**Backend:** Python (Django), Node.js (Express, Adonis)

**Database:** PostgreSQL, MongoDB, Firebase/Firestore

**DevOps:** AWS, Docker, Kubernetes, Heroku, DigitalOcean

**UI/UX:** Bootstrap, Material UI, Semantic UI

**Testing:** Jest, Mocha, Puppeteer, Selenium

**Methodology:** Agile, Scrum, Version Control (Git)

**APIs/Integration:** GraphQL, REST, Twilio, WhatsApp Business

## PROFESSIONAL EXPERIENCE

### Full Stack Engineer - Lead Consultant

2018 - Present

*Global Freelance / Independent Contracts*

- Architected and delivered high-impact web and mobile solutions for a global clientele, specializing in scalable frontends with React and native-grade mobile apps with React Native.
- Engineered and deployed comprehensive mobile applications for both iOS and Android, leveraging native modules and integrating complex third-party services like Stripe for payment processing.
- Developed multiple full-stack applications and administrative dashboards using the Django REST Framework (Python) and modern React state management.

- Drove operational efficiency by implementing business automation workflows (Python, Retool, SQL) which successfully eliminated the need for human intervention in internal processes.

## Software Engineer - ESketchers

Nov 2019 - Jul 2020

Full-time

- Delivered robust full-stack solutions, primarily leveraging the MERN (React.js, Node.js) stack and React Native for client projects.
- Accountable for translating complex, high-fidelity UI/UX designs into pixel-perfect, responsive, and cross-browser compatible codebases.

## Full Stack Developer - Pixelpk

2017 - 2019

Full-time

- Contributed significantly to the development and maintenance of both frontend and scalable backend components across various client projects.
- Collaborated closely with cross-functional teams to ensure seamless delivery from design to final application deployment.

## EDUCATION

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### BS Computer Science (BSSE)

2015

University Of Punjab PUCIT.

## KEY PRODUCT PORTFOLIO

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### 1. WalletChat – AI Crypto Assistant for Real-Time Web3 Insights

(Next.js, Node.js, Tailwind CSS, OpenAI APIs, Custom Crypto APIs)

This is an AI-powered chatbot platform for the crypto and Web3 community, enabling users to query wallet transactions, token data, and blockchain analytics in natural language. Using Next.js, Node.js, and Tailwind CSS, I built secure, responsive components, integrated OpenAI APIs, and connected to real-time blockchain data via custom crypto APIs. My optimizations improved data retrieval speed by over 40% and boosted user engagement by 25%, showcasing my ability to seamlessly blend AI, blockchain, and scalable web systems into a production-ready experience.

### 2. KaizenTeams - Enterprise Management SaaS Platform

(SaaS Architecture, Employee/Document Management, Training Modules, Full-Stack)

KaizenTeams is a comprehensive, multi-tenant SaaS application providing a complete business management ecosystem, initially specialized for large dental clinics and subsequently expanded for broader enterprise use. It integrates critical modules such as seat and employee profiles, organizational charting, secure document management (Drive), paperless workflows (Envelopes), time tracking, and performance management (pay grades and reviews). Crucially, it includes a dedicated video platform and structured training modules to streamline complex, high-stakes operational procedures.

### 3. PocketPayout - Reward Tasks Platform

(React Native (iOS, Android), Offerwall SDKs, Custom Notifications System)

PocketPayout is a high-engagement, cross-platform mobile app that incentivizes users for completing micro-tasks (surveys, app installs) by integrating with over 10 major offerwalls (AdGateMedia, AdGem). Features include point-

based earnings, bonus streaks, comprehensive transaction history, and real-time push notifications, all built with React Native for unified iOS and Android deployment.

#### **4. Rixley - Sports & Social Scheduling**

*(Flutter, FastAPI (Python), PostgreSQL + Alembic, Stripe)*

Rixley connects sports enthusiasts through a platform for scheduling, joining, and managing sports events. Features include in-app messaging, interest-based matchmaking, real-time notifications, and subscription management via Stripe. Built with Flutter (frontend) and FastAPI/PostgreSQL (backend), providing a robust, community-focused user experience.

#### **5. Layla - AI Travel Planner (by Beautiful Destinations)**

*(Flutter (iOS, Android), Generative AI API Integration)*

An AI-powered travel planner that uses generative AI to create instant, personalized itineraries through a chat-like interface, eliminating multi-site planning complexity. Developed in Flutter, Layla offers a seamless discovery experience across mobile platforms.

#### **6. Racqy - Social Engagement Platform**

*(React Native, Node.js + Express.js Backend, AWS Hosting)*

A mobile-first social platform for real-time community discovery and event engagement. It enables users to join interest-based threads, chat live, and receive dynamic event feeds. Developed in React Native with a scalable Node.js/Express backend hosted on AWS.

#### **7. Snozzberry - Movie Discovery App**

*(React Native, Firebase, Node.js)*

A film discovery platform where users can create public lists, manage watchlists, and explore content based on crew collaborations. Features intuitive one-tap filtering by criteria like genre and year, focusing on simplifying content sharing for film enthusiasts.